

AIM Ann Report  
1919 to 1920

ANNUAL REPORT  
OF THE  
AUCKLAND INSTITUTE  
AND  
MUSEUM  
FOR  
1919 - 1920.

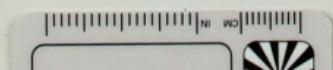
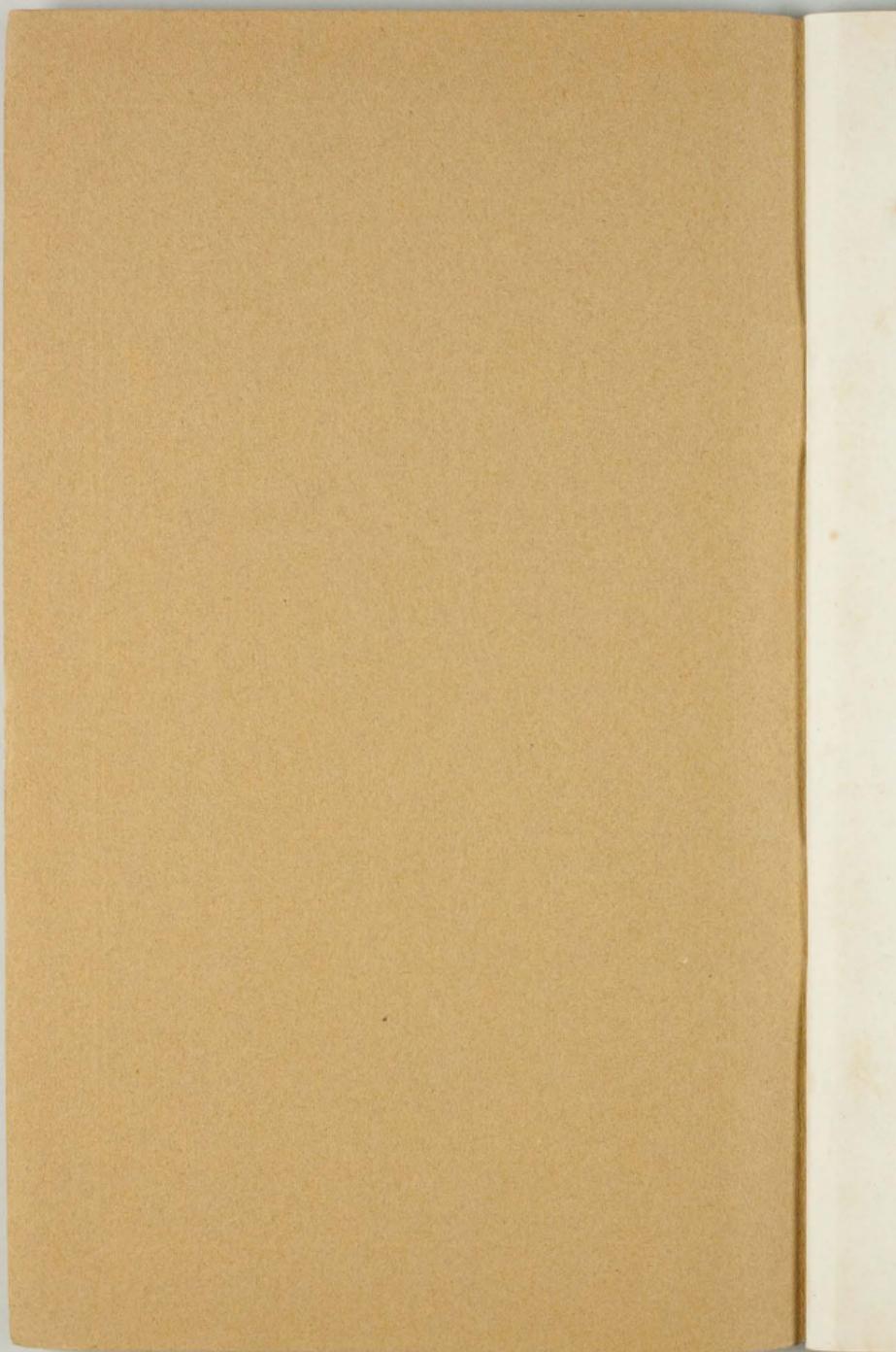
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ADOPTED AT THE ANNUAL MEETING  
HELD FEBRUARY 23rd, 1920.

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AUCKLAND:  
Wilson & Horton, General Printers, Queen and Wyndham Streets—1800  
1920.

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Annual Report

of the

Auckland  
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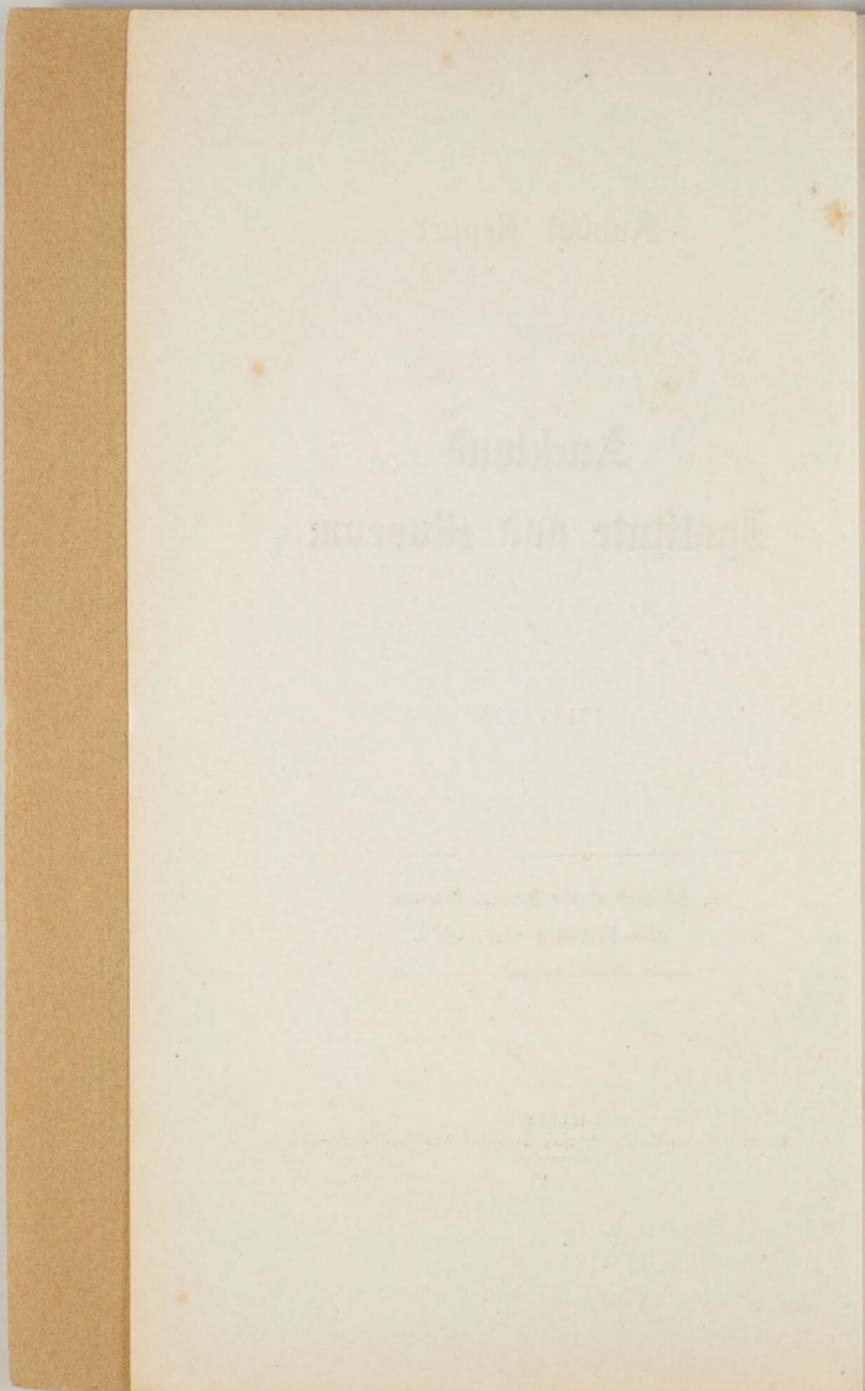
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Model of a Gilbert Islander, wearing the remarkable armour of cocoanut sinnet formerly worn in that part of Polynesia.  
Presented by Mr. A. J. Ellis.

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Officers

OF THE

Auckland Institute,

1919 - 1920.

President:

J. H. GUNSON, Esq., Mayor of Auckland.

Vice-Presidents:

HON. E. MITCHELSON.      HON. C. J. PARR, C.M.G., M.P.

Council:

EGERTON, PROF. C. W., M.A.	PETRIE, D., M.A.
KENDERDINE, J.	SEGAR, PROF. H. W., M.A.
LEYS, T. W.	THOMAS, PROF. A. P. W., M.A.
MILLER, E. V.	UPTON, J. H.
PEACOCK, T.	VAILE, H. E.
WORLEY, PROF. F. P., M.Sc.	

Trustees:

PEACOCK, T.	THOMAS, PROF. A. P. W.
REID, J.	UPTON, J. H.
VAILE, H. E.	

Secretary and Curator:

T. F. CHEESEMAN, F.L.S., F.Z.S.

Assistant and Preparator of Specimens:

L. T. GRIFFIN, F.Z.S.

Auditor:

S. GRAY, F.R.A.

# AIM Ann Report 1919 to 1920

The following  
Periodicals and Publications of Societies  
are subscribed to by the Institute:

NATURE.  
SCIENCE.  
THE PHILOSOPHICAL MAGAZINE.  
THE AMERICAN JOURNAL OF SCIENCE.  
AMERICAN CHEMICAL JOURNAL.  
THE ELECTRICIAN.  
THE PHYSICAL REVIEW.  
COMPTES RENDUS DES SEANCES DE L'ACADEMIE DES SCIENCES.  
ANNALS AND MAGAZINE OF NATURAL HISTORY.  
QUARTERLY JOURNAL OF MICROSCOPICAL SCIENCE.  
ANNALS OF BOTANY.  
THE BOTANICAL GAZETTE.  
THE GARDENER'S CHRONICLE.  
JOURNAL OF AGRICULTURAL SCIENCE.  
THE GEOLOGICAL MAGAZINE.  
SCIENCE PROGRESS.  
THE ECONOMIC JOURNAL.  
THE LANCET.  
MIND.

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TRANSACTIONS AND PROCEEDINGS OF THE ROYAL SOCIETY.  
TRANSACTIONS AND PROCEEDINGS OF THE ZOOLOGICAL SOCIETY.  
THE ZOOLOGICAL RECORD.  
PUBLICATIONS OF THE RAY SOCIETY.  
JOURNAL OF THE CHEMICAL SOCIETY.  
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY.  
QUARTERLY JOURNAL OF THE GEOLOGICAL SOCIETY.  
JOURNAL OF THE ROYAL AGRICULTURAL SOCIETY.  
THE GEOGRAPHICAL JOURNAL.  
REPORT OF THE BRITISH ASSOCIATION.  
JOURNAL OF THE STATISTICAL SOCIETY.

# AIM Ann Report 1919 to 1920

## Report of the Council.

In the fifty-second Annual Report of the Auckland Institute and Museum, which the Council now submits to the Members, an endeavour is made to give an account of the financial and general condition of the Institute, and to briefly summarise the work it has performed during the year.

**Members.**—The number of new members elected since the last annual meeting has been 17. On the other hand, 24 names have been removed from the roll; 7 from death, 12 from resignation or removal from the Provincial District, and 5 for non-payment of subscription for more than two consecutive years. There is thus a net loss of 7, the number on the roll at the present time being 455.

In the list of members removed by death will be found the name of Major T. Broun, the well-known authority on the New Zealand Coleoptera. Major Broun's connection with the Institute commenced in 1875, and from then to almost the day of his death the greater part of his time was devoted to his favourite study. The results of his work have been published from time to time in the separate parts of the Manual of the New Zealand Coleoptera, in the Transactions and Bulletins of the New Zealand Institute, and in various other publications. Through his continuous energy and activity, it can be said that no other family of New Zealand insects has been so carefully investigated as the Coleoptera. Major Broun's death will be severely felt by all workers in New Zealand Entomology. The remaining members withdrawn from the roll through death are: Mr. J. Batger, who served on the Council for several years, and was President for 1899-1900; Mr. F. D. Halstead, Mr. J. M. Blair, Mr. R. Mitchelson, Mr. W. J. Speight, and Mr. E. V. Ralph.

In this part of the report, it should be mentioned that under regulations 20 to 26 of the New Zealand Institute, gazetted September 4, 1919, the Fellowship of the New Zealand Institute was constituted, the object being to mark distinction or research in science. It was provided that the first fellows should number 20, 10 of whom became fellows automatically on account of possessing certain qualifications, the remaining 10 being elected in a manner prescribed by the regulations. Out of the total number of 20 fellows appointed, the following are members of the Auckland Institute:—Mr. T. F. Cheeseman, Mr. D. Petrie, Professor H. W. Segar, and Professor A. P. W. Thomas.

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**Finance.**—Those members who desire to obtain full information respecting the financial position of the Society will doubtless consult the balance sheets appended to the report; but it is well to give a brief synopsis here. The total revenue of the working account, after deducting the balance in hand at the beginning of the year, has been £1,886 5s. 3d., being an advance of no less than £207 11s. 6d. on the amount for the previous year, which was rather smaller than usual. Examining the various items, it will be seen that the members' subscriptions have yielded £407 8s., showing a slight decrease. The receipts from the Museum Endowment, consisting of rents and interest, have amounted to £816 0s. 8d., being an advance of £102 7s. 9d. on last year's income. The invested funds of the Costley Bequest have provided £449 10s., almost exactly the same as that of the previous year. The remaining items call for no special remark. The total expenditure has been £1,753 16s., and the cash balance in hand is £259 16s. 9d.

The invested funds of the Institute and Museum, now amounting to £23,154 14s. 1d., have been increased during the year by the sum of £209 0s. 4d., mostly derived from the sale of some small endowments. The manner in which the funds are invested, and their apportionment, are detailed in the appendix to the balance sheet.

**Meetings.**—The satisfactory results obtained during the session of 1918, described in last year's report, induced the Council to still further increase the number of meetings, and to pay greater attention to the proper illustration of all suitable lectures. Altogether, ten meetings have been held, at which the following lectures were delivered, or papers for publication contributed:—

1. Some Modern Views on Education and the Social Unrest.—  
By Dr. J. W. McIlraith.
2. The Attenuated Sovereign.—By Professor H. W. Segar.
3. Cancer and Its Relation to Public Health.—By Dr. K. Mackenzie.
4. The Discovery and Properties of Radium.—By Professor G. Owen.
5. The Lessons of Radium.—By Professor G. Owen.
6. Some Aspects of the Geological History and Cultural Development of Man—By Mr. J. A. Bartrum.
7. Electricity in the Home.—By Mr. W. S. Vernon.
8. Energy and Living Organisms.—By Mr. T. L. Lancaster.
9. Ferro-Concrete Ships.—By Mr. F. E. Powell.
10. The Conglomerate Band at Albany.—By Mr. J. A. Bartrum.

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11. Additional Facts concerning the Distribution of Igneous Rocks in New Zealand.—By Mr. J. A. Bartrum.
12. Descriptions of New Flowering Plants—By Mr. D. Petrie.
13. Contributions to a Fuller Knowledge of the Flora of New Zealand.—By Mr. T. F. Cheeseman.

The attendance at the whole of the meetings was remarkably good; in fact, at Professor Owen's two lectures on Radium, the hall, although seating nearly 400, proved quite insufficient to accommodate all those desiring to hear the lecturer. The papers written for the purpose of publication have been forwarded to the Editor of the Transactions, and will doubtless appear in Volume 52, now being sent to press. It should be mentioned that Volume 51, containing the papers read before the various branches of the Institute during 1918, was not received for distribution until late in 1919.

**Library.**—The Annual Balance Sheet shows that the actual expenditure over the Library has been £153 3s. 6d., but there are still some outstanding accounts to be provided for. An order for over 70 volumes, despatched some time before the last annual meeting, arrived about the middle of March; and another for close upon 90 volumes, forwarded last September, was received shortly after the beginning of this year. A list of all books added to the Library will be found in the appendix to the report. In addition to the purchase of books, the magazines and other serial publications subscribed to by the Institute, a list of which is given on another page, have been regularly received, and made available for the use of readers in the Library. The usual expenditure has been incurred in binding the publications of Societies and scientific journals, about 50 volumes having been added from that source alone. As in past years, various presentations and exchanges have been received from British, American, and Colonial Societies, together with several donations from private individuals.

In previous reports the Council has remarked on the growing scarcity of shelf-room in the Library. It has now to state that no further accommodation is available therein. Under such circumstances, the Library Committee has been authorised to erect a temporary range of shelving in the small room opposite the Curator's office. When this is done, the demand for space will be slightly mitigated; but even then it is difficult to see how the natural growth of the Library can be accommodated for more than a very few years to come. In the Library, as in all other departments of the work of the Institute and Museum, the call for more space is loud and insistent.

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**Museum.**—With the exception of a short period devoted to cleaning and rearrangement, the Museum has been open to the public throughout the year. The attendance of visitors has been satisfactory, as will be readily admitted when the following statistics are considered. Taking the attendance on Sundays first, the register kept by the janitor shows that 25,839 people entered the building on that day, being an average of 496 for each Sunday. The greatest attendance on any one day was 854, on June 1; the lowest 28, on October 5, an unusually wet day. On the nine chief holidays of the year the total number of visitors amounted to 6,193, or an average of 688 for each holiday. The largest holiday attendance was 986 on Easter Monday; closely followed by 934 on King's Birthday. From the want of recording mechanism it is not possible to give the actual attendance on ordinary week days; but taking occasional counts as a basis for calculation, it seems evident that the average daily number of visitors can be safely taken as 250, which would give a total of 75,750. Adding to this number the figures already given for Sundays and holidays, the grand total becomes 107,787. This is the first time the number of visitors has exceeded 100,000, although in several previous years a close approach to it has been made.

In the present crowded state of the Museum it is practically impossible to make any changes of importance therein, or to exhibit more than a small proportion of the many additions that are being regularly received. Under existing circumstances all that can be done is to keep the collections in good order and condition, and to be satisfied with those minor alterations and improvements that can still be carried out. Among these may be mentioned the rearrangement of the collection of New Zealand shells; the working into their proper places of some additions that have been made to the mounted series of New Zealand birds; the mounting for exhibition of a considerable number of articles presented to the Maori collection; and several changes in the Foreign Ethnographical Hall.

By far the most important donation made to the Zoological department of the Museum is a series of four skins of the larger North American Mammals, presented by Mr. James Dunning, of Remuera, who obtained them during a recent hunting expedition to the Kenai Peninsula, Alaska. There is a fine specimen of the Moose, the largest existing member of the Deer family; an unusually fine example of the Alaskan Brown Bear (*Ursus middendorffii*), the largest of all bears; a specimen of the Black Bear; and one of the remarkable Bighorn Sheep, with its enormous spiral horns. It is much to be regretted that there is not room in the Museum for the exhibition of four such large and attractive

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animals. As it is, the skins have been properly treated, and will be packed away until the erection of a new Museum makes it possible to exhibit them.

Among other additions belonging to this class, attention should be directed to the gift made by Mrs. L. Moses of a handsome plate glass show case, containing 300 species of foreign shells and 35 corals. Thanks are also due to Mr. G. Henning and Mr. Hallyburton Johnstone for some interesting specimens of New Zealand birds.

In the Maori Department special interest will be taken in the discovery by Messrs. Hovell and Bell of an ancient Maori work-shop near Kati Kati Harbour, apparently not very far distant from the locality visited by Captain Gilbert Mair, and described by him in the Transactions of the New Zealand Institute (Vol. 35, p. 240). An inspection made by the Curator under the guidance of Mr. Hovell proved that the work-shop covers quite a large area. The explorations made have resulted in the formation of a large collection of stone adzes and other implements in various stages of manufacture, together with numerous grindstones, borers, drill points, etc. Mr. Hovell has set aside for the Museum an extensive series of the articles obtained, with the object of supplying material for the construction of a special group illustrating the manufacture of stone weapons by the Maoris. A portion of this material has already arrived in Auckland, and the remainder will gradually follow. An illustrative group of the character mentioned above, prepared according to modern methods, would form a most interesting exhibit in the Maori Court of the new Museum. The Council have tendered the cordial thanks of the institution to Mr. Hovell for his liberal action, also to his colleague, Mr. R. W. Bell, who has deposited his valuable Maori collection in the Museum.

Other noteworthy additions to the Maori Hall comprise an ancient historic taiaha bearing the name of Rongotakitaki, and formerly the property of the Ngapuhi warrior Kawhiti, presented by Mr. George Graham; a fine greenstone tiki, a greenstone poria, several stone adzes and fishing weights, donated by Mr. D. Shanks, Mangatangi; an ancient bone comb, presented by Mr. F. E. Stewart, per Captain Gilbert Mair; a remarkably large and fine greenstone adze, with a series of six picked ordinary adzes, contributed by Mr. C. Ansell. The Council have also to acknowledge, with many thanks, the receipt of a cheque for £25 from Mr. Guthrie Smith, which, at his desire, has been expended in the purchase of certain interesting Maori carvings from Rotorua.

A valuable and instructive addition is a life-size model of a Gilbert Islander, wearing a remarkable armour made of cocoanut

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sinnet, and carrying a long fighting spear armed with sharks' teeth. Complete sets of this armour, the use of which was confined to a small part of Polynesia, are now rare and difficult to obtain. The Museum is thus greatly indebted to Mr. A. J. Ellis for presenting the admirable specimen now in the Museum. The model of the warrior was prepared in the Museum.

In foreign ethnography, the most important acquisition is a collection of Indian swords, armour, art treasures, etc., comprising no less than 89 articles. It was originally formed between the years 1860 and 1890 by the late Mr. James E. Yates, who at that time occupied an important position in the Indian Public Service. On his retirement he emigrated to New Zealand, and died at Gisborne a few years ago. The collection, which has considerable intrinsic value, is now presented to the Museum by his daughters, in memory of their father. The importance of the gift has been suitably acknowledged to the donors, and the collection has been placed on exhibition in the entrance hall of the Museum.

There has been received from the Victoria and Albert Museum, South Kensington, a welcome donation of 18 watches and movements of 18th century age. These are part of a series of 1,500 antique watches presented to South Kensington by the well-known collector Mr. Evan Roberts, with the stipulation that those specimens not required for the national collection should be distributed among a number of selected institutions. It is gratifying to find that the Auckland Museum has been chosen as one of the participants.

The thanks of the Museum are due to Dr. A. C. Purchas for an interesting collection of 16 Egyptian antiquities, obtained by him while serving in Egypt with the medical branch of the New Zealand Expeditionary Force. It forms an appropriate supplement to the collections obtained from the Cairo Museum some two or three years ago. Some valuable suggestions made by Dr. Purchas respecting the extension of the Egyptian collections in the Museum will be gladly acted upon when circumstances permit.

**War Collections.**—The Council have pleasure in announcing the receipt of a valuable collection of between 20 and 30 guns, revolvers, pistols, etc., formed by the late Mr. D. Evitt, for many years in business in Auckland as a gunsmith. It is now presented to the Museum by his family as the "David Evitt Collection." The articles date between the years 1750 and 1860, and will constitute an excellent introduction to the War Collection now being formed, particularly as it includes examples of the well-known

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"Brown Bess" flint-lock gun and other types, which, from the reign of William III, for quite 100 years constituted the standard weapons of the British Army.

A considerable number of small collections have been received from returned soldiers and others, and the following may be specially mentioned:—Private J. M. Griffen, N.Z.M.C., presents numerous articles obtained in Egypt, Salonica, and France; Major G. S. Cheeseman contributes a varied assortment collected in Egypt, the Sinai Peninsula, and Palestine; Mr. J. D. Whitcombe presents the house flag of the German trading vessel "Elfrida," the last to navigate the South Pacific after the outbreak of the war; while Captain Boscowen donates several interesting articles obtained at Gallipoli or in France.

Since the last annual meeting there has been much correspondence with the Government relative to the distribution of war trophies and war collections generally; and a deputation representing both the City and the Museum waited upon the Premier on his return from Europe. The result has been to smooth away many difficulties, and especially to afford more information as to the intentions of the Government.

So far as can be ascertained, no distribution of trophies will be made until the whole of the material has arrived in the Dominion, and has been properly examined and catalogued. This having been done, all those trophies positively identified as having been captured by a particular unit of the Expeditionary Forces will be sent to the nearest headquarter town of the regiment to which the unit belongs. The remainder of the material, constituting by far the greater portion of the whole, will be subject in the first instance to the selection of one sample of each kind of trophy for the National Museum at Wellington. The remainder will be divided into four parts, to be distributed within the four chief districts of the Dominion; and a distinct promise has been given to the effect that the wishes of the local Museums shall receive full consideration. In addition, it is stated that "long ago instructions were given that, where possible, four samples of allotted trophies should be secured—one to go to the National Museum, and the rest to the three other Museums." So the matter rests at present.

**The Domain Site and a New Museum.**—In last year's report the Council dwelt at considerable length on the drawbacks and deficiencies of the present Museum Buildings, and showed that the existing site was not large enough for present requirements, to say nothing of future needs. It then described the steps that had been taken to obtain a site in the Auckland Domain, and the

# AIM Ann Report 1919 to 1920

sympathetic readiness with which the proposal was received by the Auckland City Council. Finally, it announced that the passage through Parliament of "The Auckland Institute and Museum Site Empowering Act" had validated the action of both the City Council and the Institute, and that the site—admittedly one of the finest in Auckland—was now open to be dealt with as soon as the necessary funds were available. It is now the duty of the Council to state what action has been taken since the last annual meeting.

At a meeting of the Council held in March last, it was decided that the best chance of successful effort was to be found in securing the co-operation of the City Council, then preparing to discuss the shape that the War Memorial for the City of Auckland should take, and the following resolution was carried:—"That this Council affirms the suitability of a modern Museum as the selected form of War Memorial for the Auckland district; such Museum to be erected on Observatory Hill, in the Auckland Domain, and to have special reference to War Memorial exhibits, including a hall devoted to such. It is further suggested that the special committee of the City Council appointed to consider the question be earnestly requested to favourably consider the proposal, and to commend it to the citizens as the most suitable project to commemorate the war, and as being in the interests of the citizens generally."

The above resolution was duly forwarded to the City Council, which had also received numerous other proposals from various sources. All these were carefully considered by the City Council and its advisory committee; with the result that the erection of a modern Museum on Observatory Hill was accepted as the most suitable war memorial for the Auckland district.

The erection of a new Museum Building will now necessitate some organised movement to raise funds. There seems to be no serious rivalry to this project; on the other hand, there is every indication that it is coming more and more into favour, even on the part of a section of the community which at the outset hesitated to give its support, with the result that the community will probably now be united in its favour. The building will combine with Museum accommodation suitable halls for the adequate display of war trophies, also galleries to contain photographs of those members of the New Zealand Expeditionary Forces who have specially distinguished themselves. The grounds will permit the suitable display of those large armaments which cannot be provided for in any building.

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The cost of building on the Domain site will doubtless be considerable, and will probably not be less than £100,000. It must be remembered that the first instalment of Museum Buildings must provide not only for immediate needs and for the display of the exhibits in a modern manner, but must also be sufficiently extensive to accommodate many invaluable collections at present in private hands, but which, if they can be displayed in an adequate manner, will be donated to the citizens of Auckland, thus forming a priceless addition to the Museum.

The Council is in communication with the Right Honourable the Prime Minister, with a view to securing a subsidy from the Government towards the erection of the building. The position has been fully set out to the Government as follows:—

"The Auckland Museum occupies an anomalous position as regards State assistance, as is proved by the following facts respecting the four chief Museums of the Dominion. In Canterbury from £18,000 to £25,000 has been expended in erecting the Museum, every penny of which came from public funds. In Otago the original buildings cost £12,500, also all derived from public funds. Half the cost of an addition made some 10 or 12 years ago was also borne by the Government. Whatever has been done in the past in Wellington has been done directly by the Government, and in the immediate future a large expenditure is contemplated for the erection of an entirely new Museum. In Auckland alone has the governing body of its Museum been compelled to provide almost the whole cost of erecting buildings, and while the bequests and the monetary contributions made to the Museum amount to over £20,000, the total sum given by the Government barely reaches £3,500, all of which was granted many years ago. Had the Museum Council been able to provide intact the whole of the benefactions made to the Museum, the revenue of the institution would have been much greater, but it has been necessary to use a large proportion for enlarging the site of the Museum and erecting buildings, an expenditure which in the other museums has been provided for out of public funds. In no other part of the Dominion have such large benefactions in money been made to Museums as in Auckland and so little done by the Government. Surely the public spirit evidenced by the citizens of Auckland should have received more assistance and more appreciation than has been shown by past Governments of the Dominion. The claims of Auckland in this connection are such that the proposal for a subsidy should commend itself favourably to the consideration of the Government. This, however, will not

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absolve our community from a very considerable voluntary effort. If this is well organised and the claims of the Museum substantially placed before the citizens of Auckland there need be little fear of an inadequate response."

It is hoped that the Government will grant a £ for £ subsidy, namely, £50,000, and that the balance of £50,000 be then raised by voluntary subscriptions, for which purpose suitable action will be duly undertaken.



## The Treasurer in Account with the Auckland Institute and Museum Trust Board.

February 20, 1919, to February 18, 1920.

### I.—WORKING ACCOUNT.

	£ s. d.		£ s. d.
Balance in the Bank of New Zealand, February 20, 1919	127 7 6	Library—Books, Periodicals, Binding	153 3 6
Members' Subscriptions	407 8 0	Additions to Museum	73 7 6
Interest from Costley Bequest	449 10 0	Museum Requisites	83 12 9
Rents and Interest transferred from Museum Endow- ment Account	816 0 8	Salaries	969 14 0
Interest from Mackenzie Bequest	115 0 0	Printing, Advertising, Typing, Insurance, Gas, Annual Cleaning, Expenses of Meetings, Stationery, Postages, and other expenses	297 1 3
Interest from Campbell Bequest	45 0 0	Show-cases, Fittings, Repairs to Buildings	74 15 6
Interest from Nathan Bequest	6 0 0	Call by New Zealand Institute towards defraying cost of Transactions	21 17 6
Interest from Life Subscription Account	17 18 4	Legal Expenses	45 6 6
Special Donation from Mr. Guthrie Smith	25 0 0	Survey of Present Site and Domain Site	17 15 0
Miscellaneous Receipts	4 8 3	Life Subscription transferred to Savings Bank	10 10 0
	<hr/> £2,013 12 9	Miscellaneous Payments	6 12 6
	<hr/> £2,013 12 9	Balance in Bank of New Zealand, February 18, 1920.	259 16 9

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T. F. CHEESEMAN, Treasurer.

I have examined the above statement and checked the books and vouchers in connection therewith. I hereby certify that it is a correct statement of the working expenses and receipts to February 20, 1920.

S. GRAY, F.R.A., Auditor.

The Treasurer in Account with the Auckland Institute and Museum Trust Board.

February 20, 1919, to February 20, 1920.

II.—MUSEUM ENDOWMENT ACCOUNT.

	£ s. d.		£ s. d.
Balance in the Bank of New Zealand, February 20, 1919	3 17 1	Transferred to Working Account	816 0 8
Endowments Sold	198 15 5	Transferred to Investment Account	198 15 5
Rents of Endowments	78 8 11	Bank Charges	0 10 0
Interest on Investments	738 1 9	Balance in the Bank of New Zealand, February 20, 1920	3 17 1
	<hr/> £1,019 3 2		<hr/> £1,019 3 2

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III.—MACKECHANIE LIBRARY BEQUEST ACCOUNT.

	£ s. d.		£ s. d.
Balance in the Bank of New Zealand, February 20, 1919	1 3 6	Transferred to Working Account	115 0 0
Interest on Investments	120 0 0	Bank Charges	0 10 0
	<hr/> £121 3 6	Balance in Bank of New Zealand, February 20, 1920	5 13 6
	<hr/> £121 3 6		<hr/> £121 3 6

T. F. CHEESEMAN, Treasurer.

Examined and found correct.

S. GRAY, F.R.A., Auditor

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## Invested Funds

OF THE

### Auckland Institute and Museum.

FEBRUARY 20, 1920.

#### I.—APPORTIONMENT UNDER STATUTORY HEADINGS OR BY RESOLUTION OF THE COUNCIL:—

		£	s.	d.
Costley Bequest	...	7,700	0	0
Museum Endowment	...	12,041	2	8
Mackechnie Library Bequest	...	2,000	0	0
Campbell Bequest	...	1,000	0	0
Nathan Bequest	...	100	0	0
Life Subscription Account	...	313	11	5
		<hr/>	<hr/>	<hr/>
		£23,154	14	1

#### II.—MODE OF INVESTMENT:—

		£	s.	d.
Mortgages on Freehold Securities	...	16,050	0	0
Corporation and Harbour Debentures	...	5,000	0	0
Gas Company Debentures and Loan	...	1,850	0	0
Deposited in Auckland Savings Bank	...	33	11	5
Waiting Investment	...	221	2	8
		<hr/>	<hr/>	<hr/>
		£23,154	14	1

T. F. CHEESEMAN, Treasurer.

I have examined the Deeds of the Securities and the Bank Certificate of Debentures held, and certify the above statement to be correct.

S. GRAY, F.R.A., Auditor.

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## Form of Bequest.

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*I give and bequeath to the Institution known  
as the Auckland Institute and Museum the sum  
of £                    free of succession or estate duty,  
to be applicable for the general purposes of such  
Institution. And I declare that the receipt of the  
Treasurer or the proper officer for the time being  
of such Institution shall be a sufficient discharge  
for the same.*

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## List of Benefactions made to the Auckland Institute and Museum of an amount (or value) exceeding £50.

1876.

£2,026 subscribed by the citizens of Auckland towards meeting the cost of the first portion of the present Museum Buildings. (This sum included two donations of £500 each from Mr. Justice Gillies and the Hon. T. Williamson.)

1876.

Presentation made by Mr. R. C. Barstow of a large and varied collection of Maori articles, including flax and dog-skin cloaks, carvings, greenstone ornaments, bone and stone meres, fish-hooks, etc., etc.

1877.

Bequest from Mr. G. F. Edmonston of 564 volumes of standard works on Physical and Natural Science.

1878.

Donation from Mr. T. Russell, C.M.G., of 34 plaster-casts and busts from the antique.

1878.

£106 donated by Mr. J. C. Firth to cover the expenses of show-cases in the Museum.

1879-1883.

Mr. J. T. Mackelvie presented 260 volumes of books relating to the early history of New Zealand; 150 volumes of miscellaneous scientific works; a collection of ethnographical specimens from the Swiss Lake Dwellings; and 40 picked mineral specimens.

1884.

Bequest from Mr. Edward Costley of £12,150.

1887.

Bequest from Mr. David Nathan of £100.

1887.

Bequest of Maori articles from Mr. C. O. Davis, comprising dog-skin and feather mats; taiahas, paddles, spears; bone and wooden meres; carved boxes; and a variety of other articles.

1897-1898.

Donation of £100 from Mr. T. Russell, to cover the expense of forming a collection of geological specimens from the Cape Colville Peninsula.

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1901.

Japanese Shinto Shrine, elaborately lacquered and decorated, presented by Mr. L. D. Nathan.

1901-1902.

£1,000 subscribed by the citizens of Auckland for the purchase of the Mair Collection of Maori Ethnographical Articles.

1902-1903.

Bequest of £2,500 from Mr. E. A. Mackenzie (£2,000 to be invested in order to produce an income for the purchase of books for the Library of the Institute; £500 to be expended in providing groups of the larger mammals and the necessary show-cases).

1906-1907.

£662 subscribed by the citizens of Auckland for the purchase of Mr. Fenton's elaborately carved Pataka, and for the purchase and erection of the Runanga House, Rangitahi.

1911-1912.

£684 subscribed by the citizens of Auckland for the purchase of ancient historic Maori Carvings; and for other additions to the Museum.

1913.

Bequest of £1,000 from Sir John Logan Campbell.

1913.

Donation from Mr. Henry Shaw of 62 volumes of Geographical and Scientific works, and of 110 volumes from Mr. F. Shaw.

1913.

Unusually large and complete collection of Kauri Gum, containing 400 examples, together with the plate-glass show-case containing the same, presented by the Hon. E. Mitchelson.

1915.

Series of 79 specimens of Old English Glass, ranging from the time of the Roman occupancy of Britain to the middle of the eighteenth century. Presented by Dr. C. E. R. Bucknill.

1916.

Collection of 131 specimens of Japanese Ivories, Bronzes, and Cloissoné, many possessing considerable ethnographical and artistic value. Presented by Mr. Henry Shaw.

1917.

Collection of 120 Ethnographical specimens, 55 being of Maori origin, and including several rare and valuable articles, the remainder Polynesian or Melanesian. Bequeathed by Miss Ruth G. Northcroft.

1919.

Series of 89 Ethnographical specimens from North-west India, comprising swords, daggers, knives, shields, etc.; also many fine art objects. The collection was originally formed by the late Mr. J. E. Yates, and is now presented to the Museum by his daughters, the Misses Yates.

1920.

Collection of Skins of North American Mammals, obtained in Alaska, comprising specimens of the Alaskan Brown Bear, the Black Bear, the Moose, and the Bighorn Sheep. Presented by Mr. James Dunning.

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## Additions and Donations TO THE Library and Museum.

- Various Parliamentary Papers and Reports; New Zealand Hansard for 1919; Monthly Abstracts of Statistics for 1919; New Zealand Statistics; Journal of Agriculture for 1919; 52nd Annual Report of the Dominion Laboratory; New Zealand Year-book for 1918; Municipal Handbook of New Zealand for 1918.
- Bulletins of the Geological Survey of New Zealand, Nos. 21 and 22; Paleontological Bulletin, No. 7:—The Geological Survey.
- Journal of the Polynesian Society, vol. 28:—The Society.
- Journal of the Linnean Society of New South Wales, vol. 44:—The Society.
- Records of the Australian Museum, parts of vols. 12 and 13:—The Museum.
- Annual Report of the Department of Mines, New South Wales:—The Department.
- Journal of the Royal Society of New South Wales, vols. 46 to 52:—The Society.
- Maiden's Revision of the Genus *Eucalyptus*, parts of vol. 4:—The Author.
- Reports of the Sydney Botanical Garden for 1917:—The Garden.
- The Australian Naturalist, parts of vols. 5 and 6:—The Editor.
- Science and Industry, vol. 1:—The Commonwealth Government.
- Proceedings of the Royal Society of Victoria, vol. 31 and part 32:—The Society.
- Report of the Public Library, Museum, and National Gallery of Victoria:—The Victorian Government.
- Proceedings of the Royal Society of Queensland, vol. 30:—The Society.
- Bulletin de la Société d'Etudes Océaniennes, Tahiti, Nos. 4 and 5:—The Society.
- Memoirs of the Bishop Museum, Honolulu, vol. 5, parts 2 and 3; vol. 6, parts 1 and 2; Occasional Papers, vol. 6, part 5; Rock's *Lobelioideæ* of Hawaii:—The Museum.
- 27th Annual Report of the Hawaiian Historical Society; Historical Society Reprints, Nos. 2 and 3; Report of the Forestry Commission for Hawaii for 1918:—W. D. Westervelt.
- Annals of the South African Museum:—The Museum.
- Annual Report of the National Observatory of Rio Janeiro:—The Observatory.
- Monographs of the Geological Survey of Brazil, vol. 1:—The Geological Survey.
- Anales del Instituto Geológico del Mexico, Nos. 6 and 7:—The Geological Survey.
- Annual Report of the United States National Museum for 1918; Proceedings, vols. 53, 54; Wyer's Natural Gas, its Production, Service, and Conservation (Bulletin 102); The Energy Resources of the United States, by Gilbert and Pogue (Bulletin 102); The Postage Stamps and Stamped Envelopes of the United States, by J. B. Leavy (Bulletin 105); A. C. Bent's Life History of the North American Diving Birds; Ridgway's Birds of North and Middle America (Bulletin 50); Fisher's Star-Fishes

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of the Philippine Islands (Bulletin 100); Contributions to the Geology and Paleontology of the Canal Zone, Panama (Bulletins 103, 104); Biology of the Philippine Islands (Bulletin 100); East African Mammals in the United States National Museum (Bulletin 99); Contributions from the United States National Herbarium, vol. 20, parts 6 and 7;—The United States National Museum.

Dove's Biological Study of Gasterophilus; McAtee's Food Habits of the Mallard; Snyder's Injuries to Casuarina by Borers; Urbahn's Life History of the Parasite of Bruchophagus; White's Nosema Disease; Bulletins Nos. 766, 771, 774, 778, 779, 783, 787, 793; Journal of Agricultural Research No. 17;—The United States Department of Agriculture.

Proceedings of the American Museum of Natural History, 1918; The Herpetology of the Belgian Congo;—The American Museum of Natural History.

Proceedings of the Californian Academy of Sciences, vol. 6, Nos. 8 and 9; vol. 7, Nos. 12 and 13; vol. 8, Nos. 8 and 9;—The Academy.

Bulletin of the University of California, Nos. 1 and 5;—The University.

Johnson's Rainy River District, Ontario; Clapp's Sooke and Duncan Map Areas, Vancouver Island; Wilson's Potash Recovery; Reinecke's Road Material near Regina; Camsell and Malcolm's Mackenzie River Basin; O'Neill's Economic Geology of Hazelton; Stewart's South-western Alberta; Blizzard's Use of Coal for Steam-raising and House-heating; Williams's Silurian Geology and Faunas of Ontario; Summary Report for 1917;—The Department of Mines, Canada.

Transactions and Proceedings of the Nova Scotian Institute, vol. 14;—The Institute.

Kew Bulletin, parts of vols. for 1918 and 1919;—The Director, Kew.

United Empire Journal for 1918 and 1919;—The Royal Colonial Institute.

Symon's Meteorological Magazine for 1919;—The Editor.

The Museums Journal for 1919;—The Museums Association.

Mammatt's Geological Facts on the Ashby Coal Field;—T. Crook.

Bayliss's Physiology of Food and Economy in Diet;—D. Petrie.

British Museum Guide to the Antiquities of the Stone Age;—G. Graham.

Annual Report of the National Museum of Wales;—The Museum.

Report of the Manchester Museum for 1917-1918;—The Museum.

Annual Report of the Leicester Museum;—The Museum.

Annual Report of the Castle Museum, Norwich;—The Museum.

Notes Pteridologiques, fascicles 5 to 7;—Prince Bonaparte.

Bulletin of the Botanical Garden of Brussels;—The Garden.

Journal of the Rijks Herbarium, Leiden;—The Editor.

## BOOKS PURCHASED.

Sackur's Text-book of Thermo-Chemistry and Thermodynamics.

Vosmaer's Ozone.

Arrhenius's Quantitative Laws in Biological Chemistry.

Richardson's Escape of Electrons.

Tilden's Life of Sir W. Ramsay.

Seward's Science and the Nation.

Gregory's Discovery.

Godlee's Life of Lord Lister.

Schuster and Shipley's Britain's Heritage of Science.

Meek's Migration of Fish.

Barnard's Practical Photo-micrography.

Friend's Chemistry of Linseed Oil.

Wren's Organo-Metallic Compounds.

Wood's Chemistry of Dyeing.

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- Porrit's Chemistry of Rubber.  
Russell's Soil Conditions.  
Cross and Bevan's Cellulose.  
Turner's Voyage in Space.  
Tomkin's Turbines.  
Boy's Soap Bubbles.  
Poynting's Pressure of Light.  
Hooker's Life and Letters, 2 vols.  
Carey and Oliver's Tidal Lands.  
Smith's Non-bloodsucking Flies.  
Hindle's Bloodsucking Flies.  
Hewitt's House-flies.  
Hewitt's The House-fly.  
Pearce's Typical Flies.  
Anderson's Volcanic Studies, second series.  
Webb's Celestial Objects for Common Telescopes, 2 vols.  
Russell's Social Reconstruction.  
McIver's The Community.  
Jackman's History of Transportation, 2 vols.  
Whiffen's North-west Amazons.  
Jackson's The Museum.  
Whitehead's Organization of Thought.  
Tilden's Chemical Discovery.  
Beatty's Method of Enzyme Action.  
Watt's Psychology of Sound.  
Chamberlin's Origin of the Earth.  
McLewis's Physical Chemistry, vol. 1.  
Jean's Dynamical Theory of Gases.  
Houston's Treatise on Light.  
Mann's Teaching of Physics.  
Withers's International Finance.  
Pulford's Commerce and the Empire.  
Whitaker's Ether and Electricity.  
Thompson's Growth and Form.  
Perrin's Atoms.  
Sedgwick's Short History of Science.  
Jaeger's Principle of Symmetry.  
Cunningham's Progress of Capitalism.  
Nicholson's War Finance.  
Findlay's Chemistry in the Service of Man.  
Hall's Aegean Archaeology.  
Mallock's Limit of Pure Democracy.  
Kirkcaldy's Industry and Finance.  
West's Algae, vol. 1.  
Thomson's Study of Animal Life.  
Smart's Economic Annals, 2 vols.  
British Antarctic (Terra Nova) Expedition, parts of vols. 1-5.  
Kaye and Laby's Chemical Constants.  
Singer's History and Method of Science.  
Martin's Industrial Chemistry, Organic and Inorganic, 3 vols.  
Alcohol in its Use and Abuse.  
Farrington's Meteorites.  
Millikan's The Electron.  
Needham and Lloyd's Life of Inland Waters.  
Perry's Spinning Tops.  
Whiting's Soil Biology.  
McLaren's Peaceful Penetration.

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- Castle's Genetics and Eugenics.  
Lotsy's Evolution.  
Farrer's On the Eaves of the World, 2 vols.  
Year-book of the U.S. Department of Agriculture for 1917 and 1918, 2 vols.  
Seward's Fossil Plants, vol. 4.  
British Fresh-water Rhizopoda and Heliozoa, vol. 4.  
Gray's Treatise on Gyrostatics.  
McLewis's Physical Chemistry, vols. 2 and 3.  
Werner's New Ideas on Inorganic Chemistry.  
Perkin's Natural Organic Colouring Matters.  
Henderson's Catalysis in Industrial Chemistry.  
McLean's Lecithin and Allied Substances.  
Cain's Intermediate Products for Dyes.  
Bone's Coal and its Scientific Uses.  
Smith's The Zinc Industry.  
Samuel's The Herring.  
Bower's Botany of the Living Plant.  
Bedford's Science and Fruit Growing.  
Stebbing's Commercial Forestry.  
Armstrong's British Grasses.  
Marshall's Industry and Trade.  
Foxwell's Papers on Current Finance.  
Hearnshaw's Democracy at the Crossways.  
Kerenksky's Prelude to Bolshevism.  
Fletcher's The New Pacific.  
Egerton's British Foreign Policy in Europe.  
Higg's National Economy.  
Lee's Human Machine.  
Withers's Business of Finance.  
Withers's Money and the State.  
Withers's Stocks and Shares.  
Withers's Poverty and Waste.  
Withers's War and Lombard Street.  
Losky's Intuitive Basis of Knowledge.  
Gilman's Museum Ideals.  
Frazer's Folklore in the Old Testament.  
Scholefield's The Pacific.  
Cannan's Money.  
Sherman's Chemistry of Food.  
Winton and Hatschek's Surface Tension.  
Brabant's Galileo.  
Bishop White's Thirty Years in Tropical Australia.  
Gardiner's Ancient Coinage.  
Wiley's Foods and their Adulteration, 3rd edition.  
Wiley's Beverages.  
British Museum Economic Series, 1 to 10.  
Atkin's Researches in Plant Physiology.  
United States Dispensary, 20th edition.  
Kirkaldy's History and Economics of Transport.  
Johnson's Shore Processes.  
Bowley's Division of the Products of Industry.  
Edgcumbe's Electrical Measuring Instruments.  
Baines's Studies in Electro Physiology.  
Robertson's Electro Pathology.  
Parson's Colour Vision.  
Richter's Organic Chemistry, vol. 1.  
Keogh's Respiratory Exchange of Animals and Man.  
Watson's Colour and Chemical Constitution.

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Ramsay's Life and Letters of Joseph Black.  
Pilcher's What Industry Owes to Chemical Science.  
Animal Life and Human Progress.  
Bayliss's Life and its Maintenance.  
Webster's National Afforestation.  
Long's Plants Poisonous to Stock.  
Stopes's Ancient Plants.  
Eddington's Relativity and Gravitation.  
Stopes's Ancient Plants.  
Schwartz's Causal Geology.  
Gregory's Geography.  
Ward's Psychological Principles.  
Foulkes's Arms and Weapons.  
Conway's No Man's Land.  
Lindsay's Contributions to New Zealand Botany.  
Petrie's Scarabs and Cylinders.  
Bailey's Standard Cyclopaedia of Horticulture, vols. 1-4.  
Evan's Geology of the British Islands.  
Zoological Record, vol. 53.  
Journal of Egyptian Archaeology, vol. 5.

Collection of Skins of North American Mammals, obtained in Alaska, comprising specimens of the Alaskan Brown Bear, the Black Bear, the Moose, and the Bighorn Sheep:—Mr. James Dunning.  
300 species Foreign Shells; 35 species of Corals; plate-glass show-case, containing the above:—Mrs. L. Moses.  
Skin of Albatross:—Mr. G. Henning.  
Nest and Eggs of Fantail found at Parua Bay:—Master Ventnor Squires.  
Pair of Love Parrots:—Mrs. Cooper.  
Fruit-bat (*Pteropus sp.*), caught on board the s.s. "Orari" when 50 miles from Port Darwin:—Mr. I. Michie.  
Skin of Duck, probably a hybrid between the Grey Duck and the Mallard:—Mr. Hallyburton Johnstone.  
Skin of Ferret, caught on the banks of the Piako River.  
Skull of Porpoise, found at Waiharara:—W. Steed.  
Maori Cranium, found near the North Cape:—H. P. Norton.  
Eggs of Pied Stilt-Plover:—E. E. Vaile.  
Skin of supposed New Zealand Rat:—L. W. Alexander.  
Unusually fine specimen of New Zealand Frog (*Liopelma Hochstetteri*):—P. R. Hubbard.  
Fine specimen of Flying Fish, taken in the Bay of Plenty:—C. E. Waters.  
Lamprey (*Geotria chilensis*), taken at Matakana:—J. Walden.  
*Genypterus blacodes*, taken in the Arapawa River, Kaipara:—Miss Snee.  
Specimen of Moth (*Dasyopodia selenophora*):—J. Warren; Mr. John Dawson.  
Specimen of Tuatara Lizard, taken on East Cape Island:—A. A. White.  
Living specimens of *Bulimus bovinus*:—Le Gallais.  
Grub of *Prionoplus reticularis*, attacked by a parasitic fungus:—R. Hastie.  
*Sphinx Convolvuli*:—Master Sandy Aicken.  
Specimens of *Paryphanta Busbyi*, and *Anomia sp.*:—Miss Isaacs.  
Fossil Shell (*Scalaria lyrata*):—L. W. Alexander.  
Remarkable Limestone Concretion:—G. Chamberlin.  
Spherulites from Rhylitic Tufa; from the Upper Puniu:—A. Wilson.  
Collection of over 100 New Zealand Agates and other siliceous minerals, one face polished:—W. J. Rutherford.  
Polished specimen of Jasper:—E. W. Mair.  
Two specimens of Tangiwai, from Milford Sound.  
Collection of Fossil Shells from Toko, Taranaki:—Evan and Trevor Lloyd.

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- Large ethnographical collection, obtained at an ancient Maori workshop near Katikati Harbour, comprising adzes and other implements in various stages of manufacture, numerous grindstones, borers, drill-points, etc., etc.:—S. H. Hovell.
- Forty-one ethnographical specimens, obtained in the Cape Colville Peninsula:—R. W. Bell.
- Three wooden pounders, two stone pounders, one chert flake, one Kumete:—H. Smith.
- Two sand-worn fishing-weights:—H. Devereux.
- Ancient pigeons' drinking trough, found by the late Lieut. H. F. Edgecumbe, and presented by his widow.
- Two snares for catching kaka parrots:—A. Kay.
- Iron axe with elaborately carved bone handle, found near Mount Maunganui, Tauranga:—D. B. Bain.
- Large stone anchor, found near Mount Maunganui, Tauranga:—L. Stevens, per D. B. Bain.
- Maori spade, or ko, dug up near Hamilton:—T. Hunt.
- Stone adze, said to have been found in Myers Park; short squat greenstone, found on the Three Kings, Epsom; highly-polished stone adze, found at Manurewa; taiaha, formerly the property of the Ngapuhi Chieftain, Kawhiti; taiaha, history not known; sample of muka (phormium fibre), as prepared for domestic purposes:—G. Graham.
- Coloured garments, made by Maori women in the Waikato:—Mrs. W. A. Graham.
- Antique bone comb, found on sand dunes north of Whangamata:—F. E. Stewart, per Captain G. Mair.
- Figure-head of small canoe, obtained in the East Cape District:—F. J. Williams.
- Large stone adze, with conspicuous transverse ridge across the blade:—Purchased.
- Nine Maori house carvings, from the Rotorua District:—Purchased for the Museum by Mr. Guthrie Smith.
- Ceremonial stone, found on the beach of the Slipper Island:—B. Hall.
- Greenstone tiki; three stone adzes; fishing weight; greenstone poria:—D. Shanks.
- Maori ko, or spade, dug up in a swamp at Mangonui:—G. Leser.
- Six curious sticks, with a projecting knob at one end, dug up at Orere:—P. W. McCallum.
- Head of tomahawk, said to have been used at the murder of the Rev. Mr. Volkner in 1863:—H. J. Gilberd.
- Kumara weeder, found at Whitianga:—L. G. Bidwill.
- Maori ko, or spade, with footrest:—F. R. Wykes.
- Plaster-cast of feather box (waka huia), received in exchange from the Dominion Museum.
- Remarkably large and fine greenstone adze; six selected ordinary adzes:—C. Ansell.
- Series of 89 ethnographical specimens from North-west India, comprising swords, daggers, knives, shields, and other weapons, also many fine art objects. The collection was originally formed by the late Mr. J. E. Yates; and is now presented in his name by his daughters, the Misses Yates.
- Model of Samoan canoe:—E. Scannell.
- Armlet of *Trochus* shell; two surgical instruments; contrivance used for catching octopi; necklace of greenstone beads, all from the Loyalty Islands:—J. W. Hadfield.
- Pair of sandals from India:—L. W. Alexander.

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- Armour made of cocoanut sinnet, with head-dress complete, as worn by the Gilbert Islanders in olden times; also, a long fighting spear, set with sharks' teeth:—A. J. Ellis.
- Four specimens of Ula-maike from the Hawaiian Islands; two ancient sling-stones; Hawaiian squid-hook:—J. D. Westervelt.
- Fine specimen of ula club; ceremonial carving from the Solomon Islands:—G. Graham.
- Thirty-nine articles of eighteenth century age, all English:—Mrs. A. C. Lennard.
- Model of Fijian canoe:—Mrs. Clapcott.
- Shell necklace and seed-bag, from South America; necklace made from seeds; various other articles:—Mrs. Haines.
- Collection of 18 specimens of 18th and 19th century watches, being duplicates from the collection of the late Mr. Evan Robarts:—Presented by the Victoria and Albert Museum, South Kensington.
- Sixteen Egyptian antiquities, obtained from various localities in Egypt:—Dr. A. C. Purchas.
- Various Egyptian antiquities, funeral necklaces, etc.:—Major G. S. Cheeseman.
- 44 copper coins; 26 silver coins:—W. T. Brown.
- David Evitt collection of guns, revolvers, pistols, etc., comprising 23 specimens, dating from between the years 1750 and 1860. Originally formed by the late Mr. David Evitt, and now presented to the Museum by his family.
- Electric torch taken at Messines; set of badges; series of post cards; identification cards; various other articles:—A. I. Mendoza, N.Z. Rifle Brigade.
- Case of German star-shells, from the Somme; German tunic and other articles of clothing; Mohammedan women's veil and brow-strap; fez worn by Egyptian men and boys; French and English newspapers published at Salomica; many other articles:—Private J. M. Griffen.
- Shell fired at the Turkish lines at Gallipoli; latest pattern of gas masks used at the Western Front; knife made by a German soldier from a British bayonet; emergency splints and bandages as issued to the German troops on the Western Front; German soldier's pay-book; belt-buckle of a German soldier, etc.:—Captain Boscowen.
- Pair of Mills bombs, as issued to the British forces; Turkish field telephone, taken at the capture of El Amman; Turkish cartouch-box, obtained at Bir-el-Abd; bridle from the horse of the Turkish commandant at El Amman; German war newspapers and other documents taken from the German Consulate at Jaffa; knife with handle of camel's bone, taken from hostile Bedouins; German pay-book and letters; German atlas and clinical thermometer; German soldier's cap; Turkish sight protector; Turkish belt buckle; various other articles:—Major G. S. Cheeseman.
- Turkish shrapnel shell, taken by H.M.S. Philomel; house flag of the German trading vessel "Elfrida," the last German trading vessel to navigate the Pacific after the outbreak of the war:—J. D. Whitcombe.
- Large collection of Illustrated American War Posters, used for recruiting purposes during the war:—C. H. Poole, M.P.
- Marble bust of Napoleon the Great, being a copy from Canova's celebrated bust:—Bequeathed by the late Mr. Edward Batty, formerly resident in the Auckland Provincial District.

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## List of Members

For the Year ending March 31, 1920  
(with Postal Addresses).

(Members are requested to advise the Secretary of any change of Address.)

(Honorary and Life Members distinguished thus.\* )

- |   |  |
|---|--|
| Abbott, R. H., City Chambers,<br>Queen Street, Auckland.                              | Arthur, T. B., Elliott Street, Auckland.                                   |
| Abel, R. S., care of Abel, Dykes &<br>Co., Shortland Street, Auckland.                | Atkinson, H., Grafton Road, Auckland.                                      |
| Adlington, Miss, Aratonga Avenue,<br>Epsom.   | Bagnall, H. N., Mason's Avenue,<br>Ponsonby.                               |
| Aickin, G., Carlton Gore Road,<br>Auckland.   | Baker, C. C., Ewington & Baker,<br>Durham Street East, Auckland.           |
| Alexander, J., Shortland Street,<br>Auckland.   | Baker, G. H., Commerce Street,<br>Auckland.                                |
| Alexander, L. W., 1a, Victoria<br>Buildings, Auckland.                                | Ball, W. T., Sylvan Avenue, Mount<br>Eden.                                 |
| Algie, R. M., M.A., University<br>College, Auckland.                                  | Bamford, H. D., LL.D., N.Z. In-<br>surance Buildings, Auckland.            |
| Alison, A., Devonport Ferry Co.,<br>Auckland.   | Bankart, A. S., Strand Arcade,<br>Queen Street, Auckland.                  |
| Alison, Hon. E. W., M.L.C., Devon-<br>port Ferry Co., Auckland.                       | Bankart, F. J., Shortland Street,<br>Auckland.                             |
| Alison, E. W., Jun., Bank of N.Z.<br>Chambers, Swanson Street, Auckland.              | Barr, J., Public Library, Wellesley<br>Street, Auckland.                   |
| Alison, Ernest, Takapuna.   | Barr, J. M., Auckland Savings<br>Bank, Auckland.                           |
| Allen, John, Cheltenham Avenue,<br>Devonport.   | Barry, S., Queen Street, Auckland.   |
| Allum, John, National Electrical &<br>Engineering Co., Wellesley Street,<br>Auckland. | Bartlett, W. H., Queen Street,<br>Auckland.                                |
| Ambury, S. J., Greenwood's Corner,<br>Onehunga.                                       | Bartrum, J. A., M.Sc., University<br>College, Auckland.                    |
| Anderson, E., Remuera Road,<br>Remuera.   | *Bates, T. L., Alfred Street, Wara-<br>tah, Newcastle, New South<br>Wales. |
| Andrews, F. N., care of Andrews &<br>Clark, Queen Street, Auckland.                   | Beattie, Dr. R. M., Mental Hospi-<br>tal, Avondale.                        |
| Ardern, P. S., M.A., Remuera.   | Bell, R. W., Waihi.  |
| Arey, W. E., Victoria Arcade,<br>Auckland.  | Bickworth, J. H., P.O. Box 1018,<br>Auckland.                              |
| Armitage, F. L., Gleeson's Build-<br>ings, High Street.                               | Binney, E. H., care of Binney &<br>Sons, Fort Street, Auckland.            |
| Arnold, C., Swanson Street, Auckland.   | Birch, F. W., Highwic Avenue,<br>Epsom.                                    |
| Arnoldson, L., Quay Street, Auckland.   | Biss, N. L. H., Shortland Street,<br>Auckland.                             |

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- Bloomfield, E. C., Parr & Bloomfield,  
Shortland Street, Auckland.  
\*Bloomfield, G. R., "The Pines,"  
Epsom.  
\*Bloomfield, H. R., St. Stephen's  
Avenue, Parnell.  
Bloomfield, J. L. N. R., St.  
Stephen's Avenue, Parnell.  
Bodie, F., N.Z. Loan & Mercantile  
Co., Albert Street, Auckland.  
Bradley, Samuel, Onehunga.  
Bradney, H., Queen Street Wharf,  
Auckland.  
Brett, H., "Star" Office, Short-  
land Street, Auckland.  
Briffault, R., M.D., N.Z. Expedi-  
tionary Force.  
Brown, Professor F. D., Remuera.  
Brown, E. A., Cleave's Buildings,  
High Street, Auckland.  
Bruce, W. W., Williamson Cham-  
bers, Shortland Street, Auckland.  
\*Buchanan, A., Legal Chambers,  
Wyndham Street, Auckland.  
Buddle, C., Wyndham Street, Auck-  
land.  
Buddle, H. D., Victoria Avenue,  
Remuera.  
Burns., R., Customs Street, Auck-  
land.  
Burt, A., care of A. T. Burt & Co.,  
Customs Street, Auckland.  
Bush, W. E., City Engineer, Auck-  
land.  
Butler, J., Kauri Timber Co.,  
Customs Street, Auckland.  
Butler, Miss, Girls' Grammar  
School, Auckland.  
Buttle, B., Kaiapoi Woollen Co.,  
Elliot Street, Auckland.  
Buttle, G. A., Victoria Arcade,  
Auckland.  
Buttle, J., N.Z. Insurance Co.,  
Queen Street, Auckland.
- Cadman, F. P., care of Hoiland,  
Gillett & Co., Customs Street,  
Auckland.  
Caldwell, D. R., Cambridge.  
Campbell, J. P., care of Russell,  
Campbell & McVeagh, High  
Street, Auckland.  
Carlaw, J., 226, Symonds Street,  
Auckland.  
Carpenter, J. M., Newmarket.  
Carr, E. J., care of Carr & Haslam,  
Gladstone Chambers, Quay Street,  
Auckland.
- Carse, H., Kaiaka, Mangonui.  
Carter, C. M., Lake Town, Taka-  
puna.  
Carter, M., Smeeton's Buildings,  
Queen Street, Auckland.  
Casey, W., Hamilton Road, Pon-  
sonby.  
Caughey, A. C., care of Smith &  
Caughey, Queen Street, Auckland.  
Caughey, J. Marsden, care of Smith  
& Caughey, Queen Street, Auck-  
land.  
Chambers, S. G., 106, Victoria  
Arcade, Queen Street, Auckland.  
Chatfield, Dr. H. A., Victoria  
Street East, Auckland.  
Cheal, P. E., Cameron Road,  
Remuera.  
Cheeseman, T. F., F.L.S., F.Z.S.,  
Museum, Auckland.  
Choyce, H. C., Remuera Road,  
Remuera.  
Clark, A., Wellesley Street, Auck-  
land.  
Clark, H. C., Wellesley Street,  
Auckland.  
Clark, M., Wellesley Street, Auck-  
land.  
Clark, R. G., care of Robertson  
Bros., Quay Street, Auckland.  
Clarke, S. I., Wynyard Street,  
Auckland.  
Clay, T. B., care of S. Vaile & Sons,  
Queen Street, Auckland.  
Clayton, C. Z., Ellerslie.  
Clayton, D. L., Kauri Timber Co.,  
Customs Street, Auckland.  
Cleave, A., High Street, Auckland.  
Clinch, J. A., Ph.D., Training Col-  
lege, Auckland.  
Coates, T., Orakei.  
Coe, James, Mount Eden Road,  
Auckland.  
Colbeck, W. B., N.Z. Insurance  
Buildings, Queen Street, Auck-  
land.  
Coie, Rev. R. H., Gladstone Road,  
Parnell.  
Cole, W., Mount Eden Road, Auck-  
land.  
Coleman, J. W., Lower Queen  
Street, Auckland.  
Colwill, J. H., Swanson Street,  
Auckland.  
Combes, F. H., Victoria Avenue,  
Remuera.  
Cooper, Mr. Justice, Supreme  
Court, Auckland.

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- Cooper, A. N., care of Russell, Campbell & McVeagh, High Street, Auckland.
- Copeland, M., 97, College Hill, Auckland.
- Cory-Wright, S., B.Sc., N.Z. Expeditionary Force.
- Court, G., Karangahape Road, Auckland.
- Court, J., Hamilton Road, Auckland.
- Court, J. W., care of J. Court, Ltd., Queen Street, Auckland.
- Cousins, H. G., Normal School, Wellesley Street, Auckland.
- Craig, J. C., care of J. J. Craig, Ltd., Queen Street, Auckland.
- Crompton, W. J., 3, Mount Pleasant Road, Mount Eden.
- Crook, John, 10, Prospect Terrace, Mount Eden.
- Cuff, J. C., Emerald Hill, Epsom.
- Culling, T. S., Ferry Buildings, Queen Street, Auckland.
- Culpan, W., care of Hesketh & Richmond, Wyndham Street, Auckland.
- Davis, Ernest, care of Hancock & Co., Customs Street, Auckland.
- Davis, Elliot R., care of Hancock & Co., Customs Street, Auckland.
- Dearslly, H., P.O. Box 466, Auckland.
- De Guerrier, F. E., Tramway Company, Auckland.
- Dempsey, J., Newmarket.
- Dennin, John, care of Hon. E. Mitchelson, Waimauku.
- Dettmann, Professor H. S., University College, Auckland.
- Devereux, H. B., Howick.
- Donald, A. W., care of A. B. Donald, Queen Street, Auckland.
- Donald, J. B., care of A. B. Donald, Queen Street, Auckland.
- Downard, F. N. R., "The Carlton," Cambridge.
- Duder, R. W., Devonport.
- Duncan, A., Railway Office, Auckland.
- Dunning, James, Lucerne Road, Remuera.
- Duthie, D. W., National Bank of New Zealand, Wellington.
- Eady, A., Queen Street, Auckland.
- Earl, F., K.C., Swanson Street, Auckland.
- Edgerley, Miss K., Girls' Grammar School, Auckland.
- Edmiston, H. J., care of Champtaloup and Edmiston, Queen Street, Auckland.
- Edson, J., Waimarama, Tudor Street, Devonport.
- Egerton, Professor C. W., University College, Auckland.
- Ellingham, W. R., Customs Street, Auckland.
- Elliot, G., Bank of N.Z. Buildings, Swanson Street, Auckland.
- Elliot, W., Bank of N.Z. Buildings, Swanson Street, Auckland.
- Ellis, A. F., Argyle Street, Ponsonby.
- Ellison, T., Ellison's Buildings, Queen Street, Auckland.
- Endean, J., Junr., Waitemata Hotel, Auckland.
- Entrican, A. J., Customs Street, Auckland.
- Entrican, A. R., University College, Auckland.
- Entrican, J. C., Customs Street, Auckland.
- Evans, E. W., care of Brown, Barrett & Co., Customs Street, Auckland.
- Ewen, J. F., care of Sargood, Son & Ewen, Ltd., Victoria Street West, Auckland.
- Fairclough, Dr. W. A., Imperial Buildings, Queen Street, Auckland.
- Fallon, W., Union Buildings, Customs Street, Auckland.
- Farrell, R., Anglesea Street, Auckland.
- Fenwick, Dr. G., N.Z. Expeditionary Force.
- Fenwick, R., care of T. & S. Morrin, Auckland.
- Ferguson, A. M., care of John Burns & Co., Ltd., Customs Street, Auckland.
- Fisher, F. S., Birkdale.
- Fleming, G. H., Remuera Road, Remuera.
- Fleming, J., 142, Grafton Road, Auckland.
- Florance, R. S., Stipendiary Magistrate, Gisborne.
- Fowlds, Hon. G., Queen Street, Auckland.
- Fowlds, G., Junr., Queen Street, Auckland.

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- Frater, J. W., Stock Exchange, Auckland.  
Frater, Captain W., Manukau Road, Parnell.  
Furness, C. H., Customs Street East, Auckland.  
Garlick, G. C., Tonson Garlick, Ltd., Queen Street, Auckland.  
Garrard, C. W., M.A., Education Offices, Auckland.  
George, G., Technical College, Wellesley Street, Auckland.  
George, Hon. S. T., St. Stephen's Avenue, Parnell.  
Gerard, E., Union Buildings, Customs Street, Auckland.  
Gibson, Noel, Dilworth Institute, Remuera.  
Giffillan, H., St. Stephen's Avenue, Parnell.  
Gillett, J., care of Hoiland & Gillett, Customs Street, Auckland.  
Gillies, A. W., Glenalvon, Waterloo Quadrant, Auckland.  
Girdler, Dr., Khyber Pass Road, Auckland.  
Gleeson, J. C., High Street, Auckland.  
Goldie, A., Wallace Street, Ponsonby.  
Goldie, D., Imperial Buildings, Auckland.  
Goldie, H., Imperial Buildings, Auckland.  
Gordon, Dr. F. W., Hillsborough.  
Gorrie, H. T., care of Buckland & Sons, Albert Street, Auckland.  
Graham, A. G., care of Briscoe & Co., Customs Street, Auckland.  
Graham, G., P.O. Box 166, Auckland.  
Grant, Miss J., M.A., Devonport.  
\*Gray, A., Smeeton's Buildings, Queen Street, Auckland.  
Gray, S., Mount Eden Borough Council Offices, Mount Eden.  
Gribbin, G., Imperial Buildings, Queen Street, Auckland.  
Griffin, L. T., Museum, Auckland.  
Grossmann, Professor J. P., University College, Auckland.  
Gulliver, T. V., 503, N.Z. Insurance Buildings, Auckland.  
Gunson, J. H., Mayor of Auckland, Church Road, Epsom.  
Gunson, R. W., Clifton Road, Takapuna.  
Haddow, J. G., Wyndham Street, Auckland.  
Haines, H., F.R.C.S., Shortland Street, Auckland.  
Hall, Edwin, Seacliff Road, Onehunga.  
Hamer, W. H., C.E., Harbour Board Offices, Auckland.  
Hansard, G. H., Sanford's Buildings, Customs Street, Auckland.  
Harbutt, S. J., Selwyn Road, Epsom.  
Hardie, J. C., care of Hardie Bros., Queen Street, Auckland.  
Harding, E., Dargaville.  
Hardley, J. W., Customs Street, Auckland.  
Harris, Louis, Huntly.  
Harvey, A., Lower Albert Street, Auckland.  
Hay, D. A., Montpellier Nursery, Remuera.  
Hay, Douglas, Stock Exchange, Auckland.  
Havr, H. H., Union Bank Buildings, Queen Street, Auckland.  
Hazard, W. H., Customs Street West, Auckland.  
Heather, H. D., Fort Street, Auckland.  
Hemingway, W. H., Union Buildings, Customs Street, Auckland.  
Henning, G., Customs Street, Auckland.  
Herries, Sir W. H., M.P., Wellington.  
Hesketh, H. R., Hesketh & Richmond, Wyndham Street, Auckland.  
Hill, J. C., care of Hill & Plummer, Queen Street, Auckland.  
Hills, J. M., Arney Road, Remuera.  
Holderness, D., Harbour Board Offices, Auckland.  
Horton, E., "Herald" Office, Queen Street, Auckland.  
Horton, H., "Herald" Office, Queen Street, Auckland.  
Houghton, C. V., N.Z. Shipping Co., Quay Street, Auckland.  
Hovell, S. W., Waahi.  
Howey Walker, A., Queen Street, Auckland.  
Hudson, C., Mount Eden Road, Auckland.

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- Hunter, Ashley, C.E., Swanson Street, Auckland.  
Hutchinson, F. R., St. Heliers.
- Ick-Hewins, Dr., Howick.  
Inglis, Dr. R. T., N.Z. Expeditionary Forces.  
Isaacs, R. C., St. George's Bay Road, Parnell.
- Jackson, J. H., Customs Street, Auckland.  
Jackson, Thornton, Jackson & Russell, Auckland.  
\*Johnson, Professor J. C., M.Sc., University College, Auckland.  
Johnson, H. Dunbar, 151, Newton Road, Auckland.  
Johnston, Hallyburton, Ngatea, Hauraki Plains.  
Johnston, J. B., Stewart & Johnston, Wyndham Street, Auckland.  
Joll, L., Mount Eden.
- Kalaugher, J. P., Education Offices, Auckland.  
Kenderdine, J., Sale Street, Auckland.  
Kent, B., Lower Symond Street, Auckland.  
Kent, G. S., St. Stephen's Avenue, Parnell.  
Kissling, H. P., St. Stephen's Avenue, Parnell.  
Knight, G., Asquith Avenue, Mount Albert.
- Laidlaw, R. A., Hobson Street, Auckland.  
Lamb, J. A., Arney Road, Remuera.  
Lamb, S. E., B.Sc., University College, Auckland.  
Lancaster, T. L., B.Sc., University College, Auckland.  
Lang, Sir F. W., M.P., Queenstown Road, Onehunga.  
Larner, V. J., Swanson Street, Auckland.  
Laurie, B. A., care of W. S. Laurie & Co., Customs Street, Auckland.  
Lawson, H. W., National Bank of New Zealand, Queen Street, Auckland.  
Leighton, F. W., High Street, Auckland.  
Le Roy, E., 42, Queen Street, Auckland.
- Lewisham, W. C., care of Robertson Bros., Quay Street, Auckland.  
Leyland, S. H., care of Leyland & O'Brien, Customs Street W., Auckland.  
Levland, W. B., care of Leyland & O'Brien, Customs Street W., Auckland.  
Leys, Cecil, "Star" Office, Shortland Street, Auckland.  
Leys, T. W., "Star" Office, Shortland Street, Auckland.  
Lintott, G. S., Customs Street East, Auckland.  
Logan, R., Government Insurance Buildings, Queen Street, Auckland.  
Long, D., Farmers' Freezing Co., Queen Street, Auckland.  
Long, W. H., Woodford Road, Mount Eden.  
Lowe, Dr. de Clive, Lower Symonds Street, Auckland.  
Lunn, A. G., care of Collins Bros., Wyndham Street, Auckland.
- Macfarlane, J. B., Fort Street, Auckland.  
Mackay, G. J., Queen Street, Auckland.  
Mackay, J. G. H., Ellison Chambers, Queen Street, Auckland.  
Mackay, P. M., Wellesley Street, Auckland.  
Macky, T. H., care of Macky, Logan, and Co., Elliott Street, Auckland.  
Mackellar, Dr. E. D., Manukau Road, Parnell.  
Mackenzie, Dr. Kenneth, Princes Street, Auckland.  
\*Macmillan, C. C., care of Auckland Institute, Auckland.  
Mahoney, T., Swanson Street, Auckland.  
Mains, T., Tram Terminus, Remuera.  
Mains, W., Tram Terminus, Remuera.  
Mair, Captain G., Rotorua.  
Mair, S. A. R., Hunterville, Wellington.  
Major, C. T., King's College, Remuera.  
Makgill, Dr. R. H., Health Department, Wellington.

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- Mander, F., M.P., Ranfurly Road, Epsom.
- Mariner, H. A., N.Z. Insurance Co., Queen Street, Auckland.
- Marsack, Dr., N.Z. Expeditionary Forces.
- Marshall, J., Te Ataahua, Remuera Road.
- Mason, Mrs. F., care of Bank of Australasia, Manaia.
- Massey, Right Hon. W. F., M.P., Wellington.
- Matthews, H. B., Clonbern Road, Remuera.
- Maxwell, L. S., Lower Hobson Street, Auckland.
- McCullough, Hon. W., Thames.
- McDonald, Rev. W., Gardner Road, Epsom.
- McFarlane, T., C.E., Coromandel.
- McGregor, W. R., University College, Auckland.
- McIlraith, Dr. J. W., Commercial Hotel, Whangarei.
- McIntosh, D. T., Railway Offices, Auckland.
- McKenzie, Capt. G., Devonport.
- McLaughlin, T. M., Phœnix Chambers, Queen Street, Auckland.
- McVeagh, R., Russell, Campbell, & McVeagh, High Street, Auckland.
- Mennie, J. M., Albert Street, Auckland.
- Miller, E. V., Chelsea, Auckland.
- Miller, E. N., Albert Street, Thames.
- Milne, J., care of John Chambers & Son, Fort Street, Auckland.
- Milne, Miss M. J., Remuera.
- Milne, Stewart, care of Milne & Choyn, Queen Street, Auckland.
- Milroy, S., Kauri Timber Co., Customs Street W., Auckland.
- Milson, Dr. E. H. B., 48, Waterloo Quadrant, Auckland.
- Mitchelson, Hon. E., Waitaramoa, Remuera.
- Mitchelson, E. P., Motutara, Waimauku.
- Morrison, A. R., Palmerston Buildings, Auckland.
- Morton, E., Customs Street, Auckland.
- Morton, H. B., Taumata, Wapiti Avenue, Epsom.
- Moses, H. C., No Deposit Piano Co., High Street, Auckland.
- Mulgan, A. E., "Star" Office, Auckland.
- Mulgan, E. K., Education Offices, Auckland.
- Mullins, P., Shaddock Street, Mount Eden.
- Murray, G. T., C.E., Public Works Office, Auckland.
- Myers, Hon. A. M., M.P., Campbell & Ehrenfried Co., Auckland.
- Myers, B., Symonds Street, Auckland.
- Napier, W. J., Napier, Fitchett, & Rees, A.M.P. Buildings, Queen Street, Auckland.
- Nathan, C. J., care of A. H. Nathan & Co., Customs Street, Auckland.
- Nathan, D. L., care of L. D. Nathan & Co., Shortland Street, Auckland.
- \*Nathan, N. A., care of L. D. Nathan & Co., Shortland Street, Auckland.
- Neve, B., Technical College, Wellesley Street, Auckland.
- Niccol, G., Customs Street West, Auckland.
- Nicholson, O., Imperial Buildings, Queen Street, Auckland.
- Nolan, H. O., St. Stephen's Avenue, Parnell.
- Oliphant, P., 24, Symonds Street, Auckland.
- \*Oliver, W. R. B., F.L.S., H.M. Customs, Auckland.
- Osmond, G. B., Royal Insurance Buildings, Queen Street, Auckland.
- Ostler, H. H., care of Jackson, Russell, Tunks, & Ostler, Shortland Street, Auckland.
- Owen, Professor G., D.Sc., University College, Auckland.
- Parr, Hon. C. J., C.M.G., M.P., Shortland Street, Auckland.
- Partridge, H. E., Albert Street, Auckland.
- Patterson, D. B., Ellison Chambers, Queen Street, Auckland.
- Peacock, T., Queen Street, Auckland.

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- Perkins, A. W., care of Dalgety & Co., Customs Street West, Auckland.  
Petrie, D., Rosemead, Ranfurly Road, Epsom.  
Philcox, T., 11, Fairview Road, Mount Eden.  
Philson, W. W., Colonial Sugar Co., Quay Street, Auckland.  
Pond, J. A., F.C.S., Queen Street, Auckland.  
Porter, A., care of E. Porter & Co., Queen Street, Auckland.  
Potter, E. H., P.O. Box 230, Auckland.  
Pountney, W. H., Fort Street, Auckland.  
Powell, F. E., C.E., Ferry Buildings, Queen Street, Auckland.  
Poynton, J. W., 63, Epsom Avenue, Mount Eden.  
Price, E. A., Cambria Park, Papatoetoe.  
Price, T. G., 109, Queen Street, Auckland.  
Pryor, S. H., 26, Pencarrow Avenue, Mount Eden.  
Pulling, Miss, Diocesan School, Epsom.  
Purchas, Dr. A. C., Carlton Gore Road, Auckland.  
Pycroft, A. T., Railway Offices, Auckland.
- Ralph, W. J., Princes Street, Auckland.  
Rangihiroa, Dr., care of Public Health Department, Auckland.  
Rawnsley, S., Federal Street, Auckland.  
Ravner, Dr. F. J., Queen Street, Auckland.  
Reed, J. R., K.C., "Cargen," Eden Crescent, Auckland.  
Reid, J., Alten Road, Auckland.  
Renshaw, F., Sharland & Co., Lorne Street, Auckland.  
Rhodes, C., Ronaki, Remuera.  
Richmond, H. P., Arney Road, Remuera.  
Robb, J., Victoria Avenue, Mount Eden.  
Roberton, A. B., Heather, Roberton & Co., Fort Street, Auckland.  
Roberton, Dr. E., Market Road, Remuera.  
Robertson, Dr. Carrick, Alfred Street, Auckland.  
Robertson, Jas., Market Road, Remuera.  
Roche, H., Horahora, near Cambridge, Waikato.  
Rollett, F. C., "Herald" Office, Queen Street, Auckland.  
Rowe, J., Onehunga.  
Russell, E. N. A., Russell, Campbell, & McVeagh, High Street, Auckland.
- Saunders, W. R., Commercial Union Insurance Co., Auckland.  
Saxton, A. C., Pyrmont, Sydnev.  
Scott, Rev. D. D., The Manse, Onehunga.  
Scott, D. D., Kempthorne, Prosser & Co., Albert Street, Auckland.  
Seegner, C., St. Stephen's Avenue, Parnell.  
Segar, Professor H. W., M.A., Manukau Road, Parnell.  
Shakespear, Mrs. R. H., Whangaparaoa.  
Shaw, F., Vermont Street, Ponsonby.  
Shaw, H., Epsom.  
Simmonds, Rev. J. H., Wesley Training College, Epsom.  
Simson, T., Mt. St. John Avenue, Epsom.  
Sinclair, A., Kuranni, Symonds Street, Auckland.  
Sinclair, G., Pilkington & Co., Queen Street, Auckland.  
Skeet, H. M., Pencarrow Avenue, Mount Eden.  
Smeeton, H. M., Remuera.  
\*Smith, H. G. Seth, 88, Victoria Avenue, Remuera.  
Smith, Captain James, Franklin Road, Ponsonby.  
\*Smith, S. Percy, F.R.G.S., New Plymouth.  
\*Smith, E., New Brighton, Miranda.  
Smith, Mrs. W. H., Princes Street, Auckland.  
Smith, W. Todd, Brooklands, Alfred Street, Auckland.  
Somerville, Dr. J., Alfred Street, Auckland.  
Somerville, J. M., Chelsea, Auckland.  
Spedding, J. C., Market Road, Remuera.

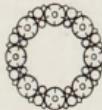
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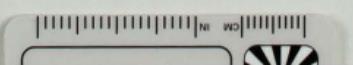
- Stanton, J., Fort Street, Auckland.  
Stewart, D. F., care of R. S. Lane & Co., 32, Jamieson Street, Sydney.  
Stewart, J. W., Wyndham Street, Auckland.  
Stewart, John A., Kaima-tonu, Ranfurly Road, Epsom.  
Stewart, R. Leslie, care of Brown & Stewart, Swanson Street, Auckland.  
Streeter, S. C., Enfield Street, Mount Eden.  
Suter, A., Loutis, Clonbern Road, Remuera.  
Swan, H. C., Henderson.  
Swanson, W., Queen Street, Auckland.  
  
Talbot, Dr. A. G., A.M.P. Buildings, Queen Street, Auckland.  
Thomas, Professor A. P. W., F.L.S., Mountain Road, Epsom.  
Thornes, J., Queen Street, Auckland.  
Tibbs, J. W., M.A., Grammar School, Auckland.  
Tinne, H., Union Club, Trafalgar Square, London.  
Tole, Hon. J. A., Queen Street, Auckland.  
Townson, W., Thames.  
Tronnson, J., Northcote.  
Tudehope, R., Wellesley Street, Auckland.  
Tunks, C. J., Jackson, Russell, Tunks & Ostler, Shortland Street, Auckland.  
Turner, E. C., Turner & Sons, Market Square, Auckland.  
  
Upton, J. H., Bank of N.Z. Buildings, Swanson Street, Auckland.  
Upton, P., South British Insurance Co., Queen Street, Auckland.  
Upton, P. T., P.O. Box 878, Auckland.  
Upton, Selwyn, "Star" Office, Auckland.  
  
Vaire, E. E., Broadlands, Waiotapu.  
Vaile, H. E., Queen Street, Auckland.  
Vernon, W. S., M.A., University College, Auckland.  
Virtue, P., Roller Mills, Quay Street, Auckland.  
  
Wade, Captain, N.Z. Expeditionary Force.  
Wake, F. W., Cleave's Buildings, High Street, Auckland.  
Walker, Professor Maxwell, University College, Auckland.  
Walklate, J. J., Electric Tramway Co., Auckland.  
Wallace, T. F., Waihi G.M. Co., Shortland Street, Auckland.  
Ware, W., Portland Road, Remuera.  
Warnock, J. A., 2, King Street, Grey Lynn.  
Wells, T. U., Westbourne Road, Remuera.  
White, P. C., care of S. White & Sons, Customs Street W., Auckland.  
White, R. W., Wellington Street, Auckland.  
Whitley, W. S., Albert Street, Auckland.  
Whitney, C. A., Colonial Ammunition Company, Auckland.  
Whittome, F., Newmarket.  
Williams, N. T., National Insurance Company, Queen Street, Auckland.  
Williamson, C., Commercial Bank Buildings, Auckland.  
Williamson, J. D., Northern Club, Auckland.  
Wilson, Andrew, District Surveyor, Hangatiki.  
Wilson, C. A., P.O. Box 1081, Auckland.  
Wilson, F. W., "Herald" Buildings, Auckland.  
Wilson, G. H., Wilson & Canham, Ferry Buildings, Auckland.  
Wilson, H. M., Town Hall, Auckland.  
Wilson, John, N.Z. Insurance Buildings, Queen Street, Auckland.  
Wilson, J. A., care of A. Eady & Sons, Queen Street, Auckland.  
Wilson, J. M., Portland Road, Remuera.  
Wilson, Liston, Upland Road, Remuera.  
Wilson, Martyn, Roselle, Lower Remuera.  
Wilson, Mrs. R. M., Russell Road, Remuera.

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- Wilson, W. R., "Herald" Office,  
Queen Street, Auckland.  
Wing, S., Hellaby's, Ltd., Short-  
land Street, Auckland.  
Winkelmann, H., Victoria Arcade,  
Auckland.  
\*Winstone, F. M., Claude Read,  
Epsom.  
Winstone, G., Customs Street E.,  
Auckland.  
Wiseman, F., Queen Street, Auckland.  
Wiseman, J. W., Albert Street,  
Auckland.  
\*Withy, E., care Auckland Insti-  
tute, Auckland.  
\*Wood, Right Rev. C. J., D.D.,  
Bishop of Melanesia, Norfolk  
Island.
- Woodward, W. E., Union Bank of  
Australia, Auckland.  
Woollams, W. H., Queen Street,  
Auckland.  
Worley, Professor F. P., D.Sc.,  
University College, Auckland.  
Wright, R., care of A. B. Wright  
& Sons, Commerce Street, Auckland.  
Wyllie, A., C.E., Electrical Power  
Station, Breakwater Road, Auckland.
- Yates, E., Albert Street, Auckland.  
Young, J. L., Henderson & Mac-  
farlane, Union Buildings, Cus-  
toms Street, Auckland.



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